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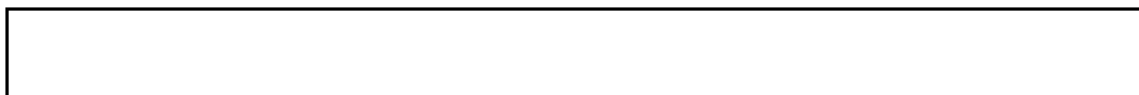
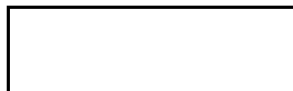
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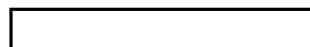
VITAL RECORDS COPY  
KHARKOV AIRFRAME PLANT NO 135

KHARKOV, USSR



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CIA/PIR -75034



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DATE OCTOBER 1966

COPY 101

PAGES 6

GROUP 1  
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# KHARKOV AIRFRAME PLANT NO 135

KHARKOV, USSR, JUNE 1966

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Kharkov Airframe Plant No 135 (BE No [redacted] Kharkov Aircraft Assembly Plant 135) is located at 50-01-16N 36-15-38E in the northern outskirts of Kharkov, USSR, approximately 2.5 nautical miles from the center of the city (Figure 1). The plant adjoins Kharkov Airfield North [redacted] and is served by major roads; the nearest rail facilities are located within the city. Figures 2 through 5 illustrate the development of the plant and airfield over a period of more than 20 years, and Figure 6 is a layout drawing of the plant facilities; dimensions and descriptions of significant structures are presented in a table associated with Figure 6.

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Kharkov Airframe Plant No 135 was first observed on captured [redacted] photography from [redacted] (Figure 2). At that time the plant contained approximately 555,000 square feet of floorspace. By the time of [redacted] (Figure 3) the plant floorspace had more than doubled to approximately 1,393,855 square feet. Construction activities have been observed at the plant through [redacted] the date of the most recent photography.

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Construction which added approximately 136,315 square feet of floorspace occurred between [redacted] These changes included a major addition to a machine shop

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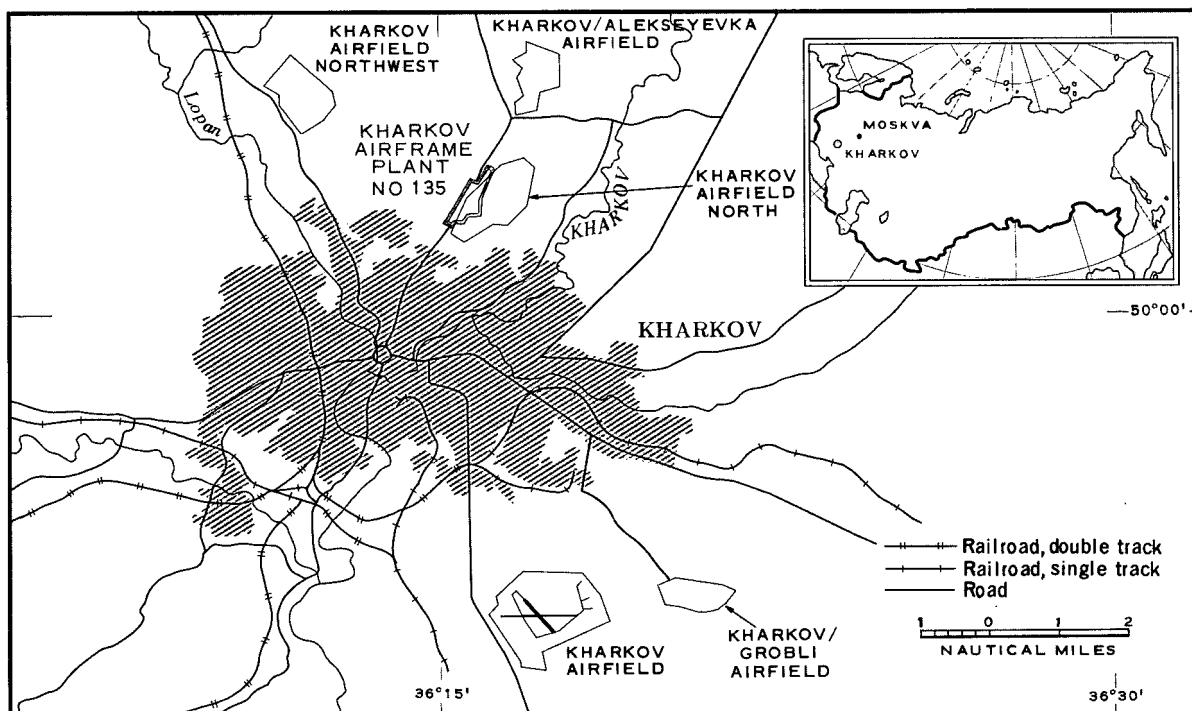


FIGURE 1. LOCATION MAP.

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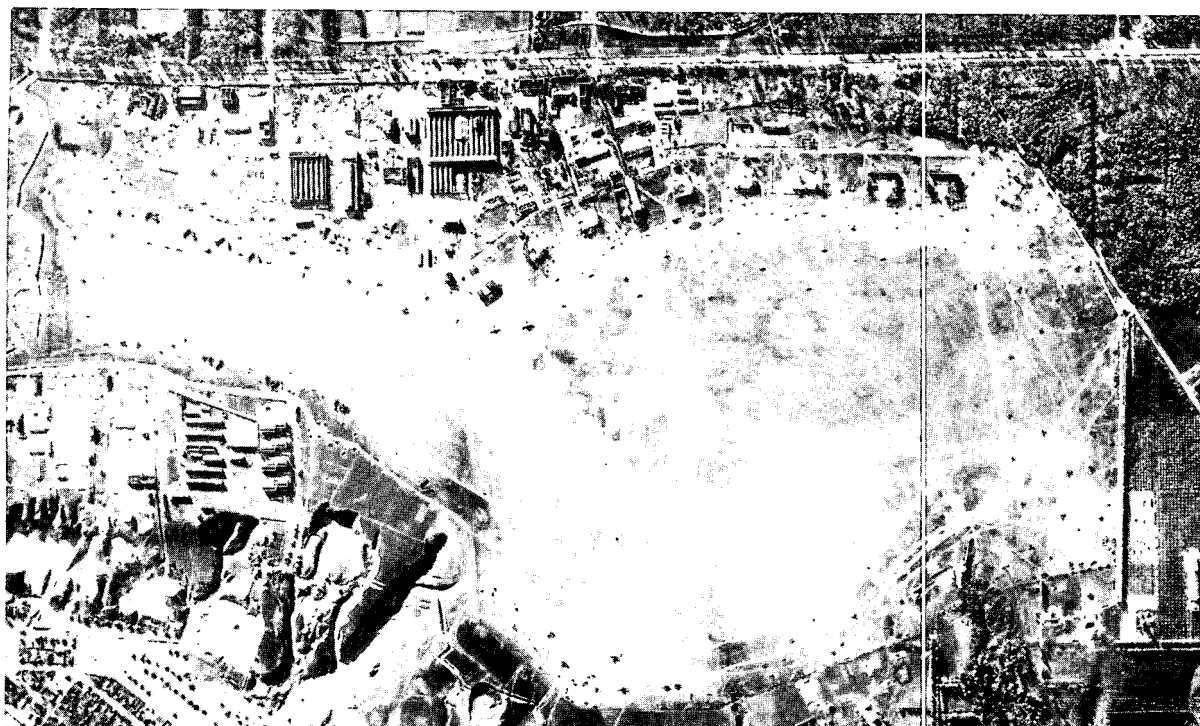


FIGURE 2. KHARKOV AIRFRAME PLANT NO 135,

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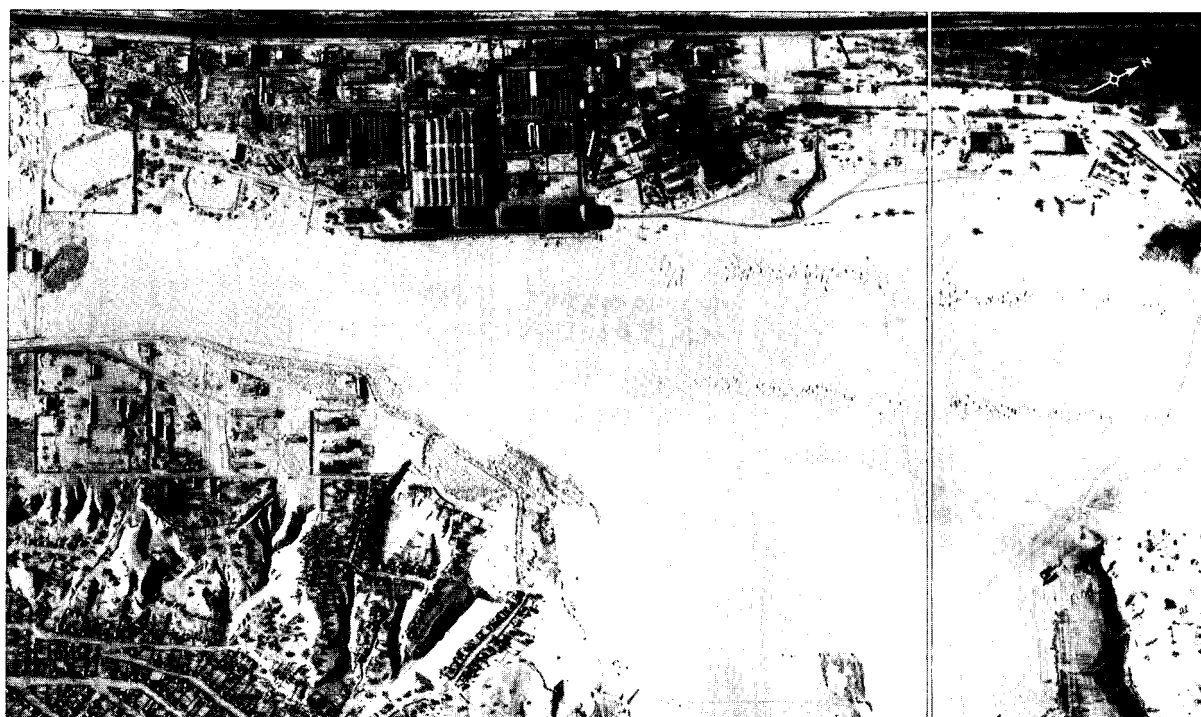


FIGURE 3. KHARKOV AIRFRAME PLANT NO 135 AND KHARKOV AIRFIELD NORTH

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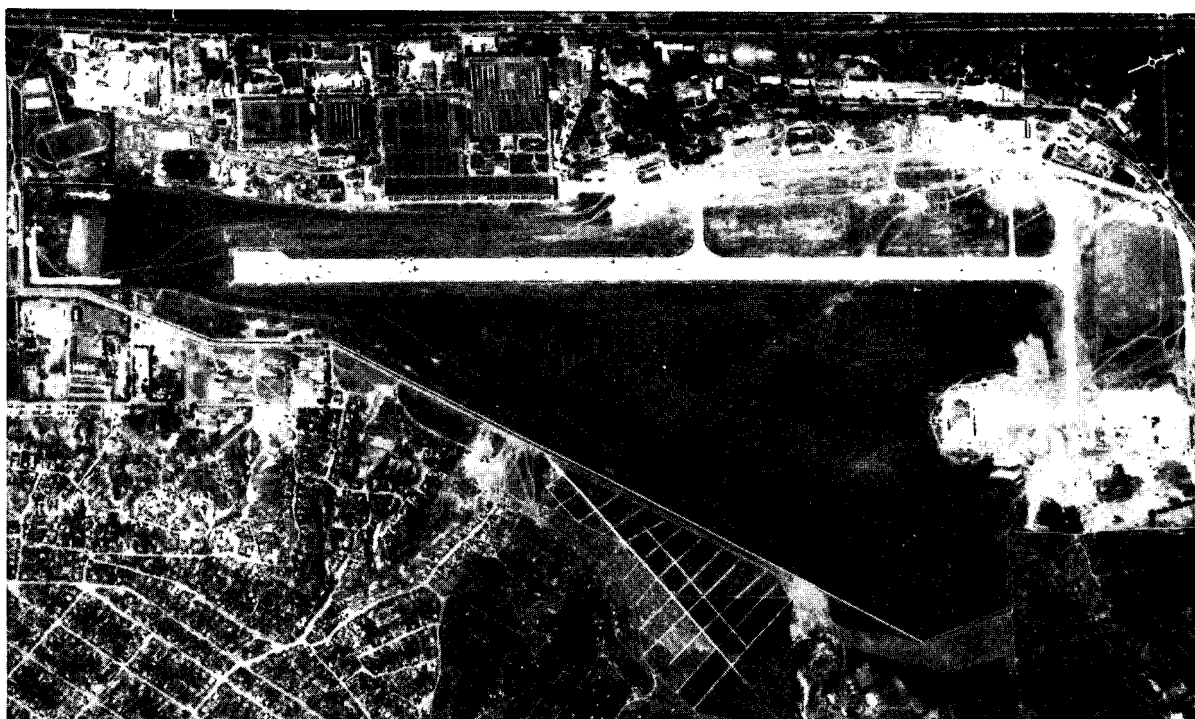


FIGURE 4. KHARKOV AIRFRAME PLANT NO 135 AND KHARKOV AIRFIELD NORTH,

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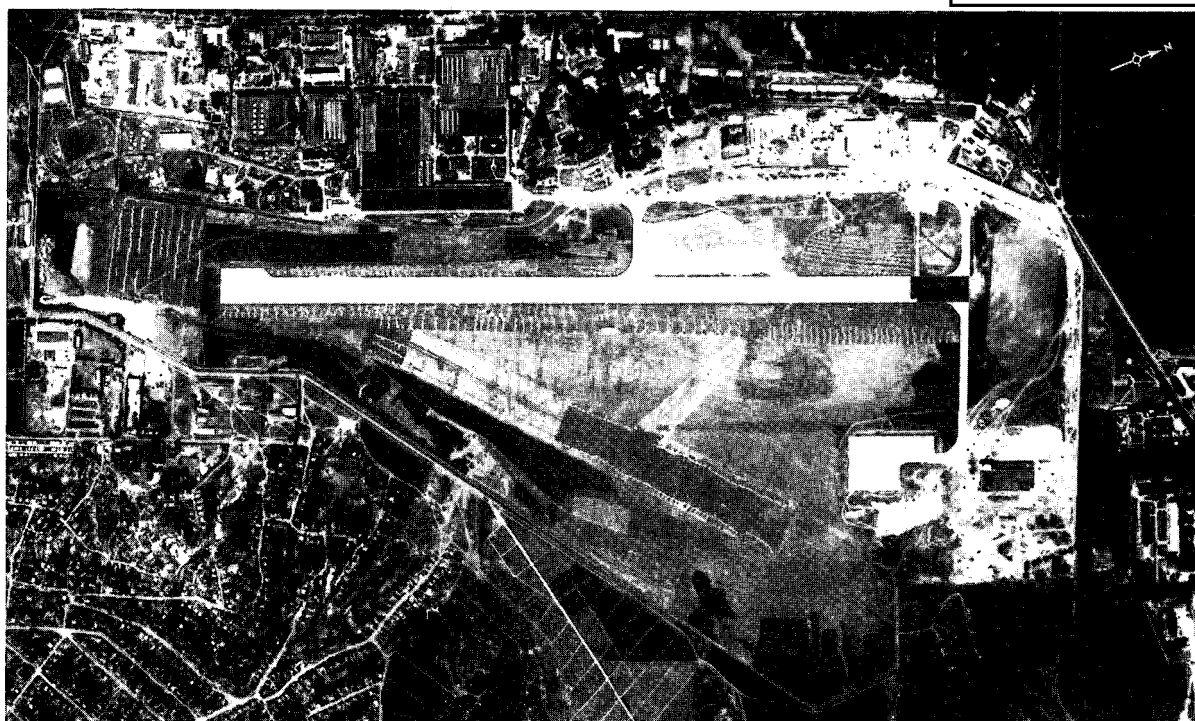


FIGURE 5. KHARKOV AIRFRAME PLANT NO 135 AND KHARKOV AIRFIELD NORTH,

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(item 7), a small addition to the subassembly section (item 17), an addition to a probable shop (item 16), and 4 small workshop and storage buildings; several small buildings with a total floorspace of about 18,000 square feet had been removed to make room for the addition to item 7. The additions to items 7 and 17 were constructed between [redacted]

the addition to item 16 was under way in [redacted] and was completed by [redacted] 1/

A considerable amount of construction has taken place since [redacted]. A workshop (item 3) and several small buildings have been completed; structures nearing completion include an unidentified building (item 24), a multistory possible engineering building (item 12), and a U-shaped probable engineering/administration building (item 2). Approximately 61,100 square feet of floorspace were under completed roof cover in [redacted] at item 24, which is just west of the northern end of the airfield runway; a large excavation on the east side of item 24 indicates that this building will possibly include some special operation or equipment. A large probable hangar (item 26) was constructed east of the north end of the runway after [redacted] and a new probable steam-plant (item 27) is adjacent to it. The steam-plant would furnish steam to structures in the vicinity (items 24, 25, and 26) through buried pipelines.

All the additions and new construction have resulted in a total floorspace in [redacted] of approximately 2,063,265 square feet, over 3.5

times that of 1943. The plant area is encompassed by a probable masonry wall measuring approximately 25,475 linear feet; within the plant are approximately 12,350 linear feet of major roads with an average width of approximately 20 feet.

Kharkov Airfield North, the flyaway field for the plant, has a serviceable northeast/southwest concrete runway measuring approximately [redacted]

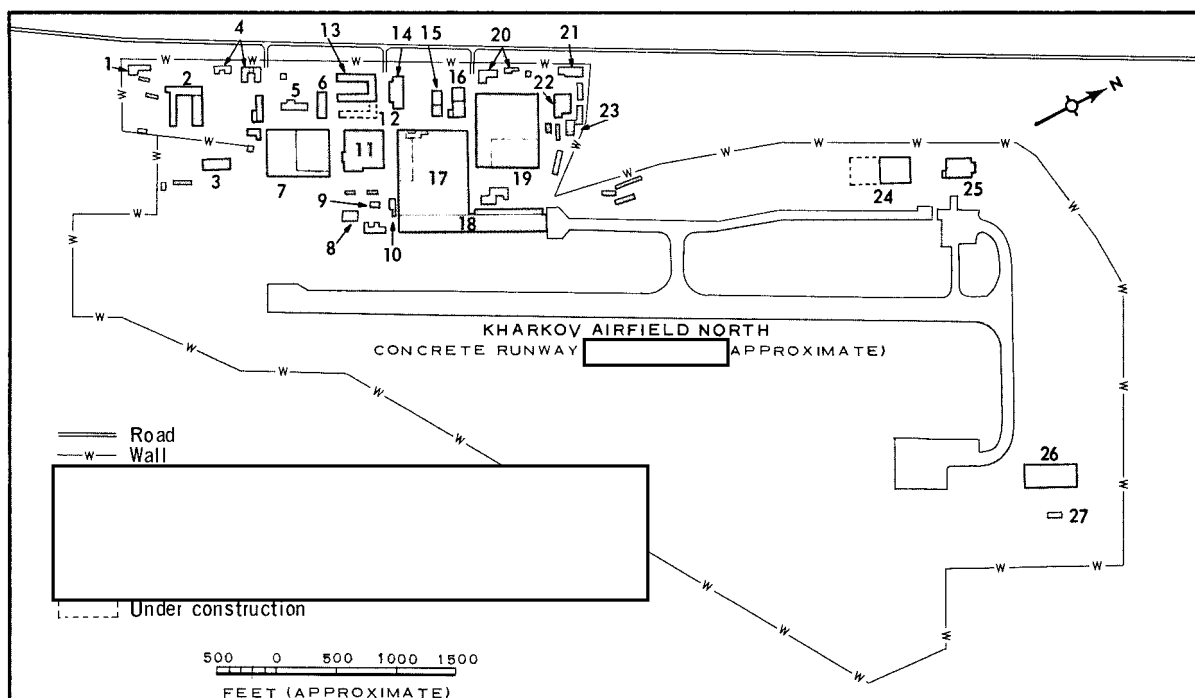
The runway is connected by taxiways to the final assembly hall (item 18), a repair hangar (item 25), and aircraft parking areas. In 1943 (Figure 2) the airfield consisted of sod and had no regular runway pattern; [redacted] (Figure 3) a runway was apparent, but snow cover precluded a determination of the surfacing material. The runway was being surfaced in [redacted] and the surfacing appeared complete [redacted] 1/

Extensions to the taxiways and parking aprons have been added [redacted]. The following construction at the airfield had all been completed [redacted] a large parking apron to the northeast (approximately 191,660 square feet) and its connecting taxiway (approximately 60,180 square feet); a western taxiway parallel to the runway [redacted] a northwest parking apron (approximately [redacted] and 3 east-west connecting taxiways of approximately 43,660, 15,810, and 30,090 square feet. Two COOKPOT and 1 COLT were observed at the airfield [redacted]

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Item	Description	Dimensions (ft)	Floorspace (sq ft)	Cubic Feet
		L W H		
1	Admin bldg		58,750	669,750
2	Prob engineering/admin bldg	Irregular x 60, 80	50,400	3,264,000
3	Workshop		23,000	713,000
4	Admin/office bldgs (2)		18,775	713,450
5	Warehouse/storage bldg	Irregular x 40*	5,950	238,000
6	Prob workshop		7,675	130,475
7	Machine shop	220 x 75 x 50	16,500	825,000
8	Workshop	Irregular x 45, 60	177,310	8,020,980
9	Poss steamplant	155 x 90 x 40	13,950	558,000
10	Prob tool storage bldg	90 x 55 x 30*	4,950	148,500
11	Machine shop		19,300	405,300
12	Poss engineering bldg (nearly complete)		98,080	4,005,200
13	Poss storage bldg/warehouse		111,600	1,350,725
14	Prob foundry		36,350	1,492,650
15	Prob power/steamplant		20,600	857,700
16	Prob shop		16,400	596,000
17	Subassembly section		21,200	296,800
18	Final assembly hall	1,200 x 165 x 80	432,500	21,033,325
19	Machine shop/subassembly bldg		198,000	15,840,000
20	Poss admin/office bldgs (2)		15,080	799,240
21	Poss pattern shop		324,450	8,707,950
22	Poss foundry/forgue		7,750	116,250
23	Poss foundry		48,700	706,150
24	Unidentified bldg under construction		17,050	494,450
25	Hangar		29,450	590,800
26	Prob hangar (nearly complete)		19,675	393,500
27	Prob steamplant	120 x 40 x 25*	61,100	3,543,800
			28,000	1,624,000
			84,050	6,135,650
			4,800	120,000
Total floorspace & cubic feet of numbered bldgs			1,964,395	84,390,645
Total floorspace & cubic feet of other bldgs			98,870	2,408,150
Total floorspace & cubic feet of plant			2,063,265	86,798,795

NOTE--With the exception of those heights marked with an asterisk (\*), all measurements were calculated by NPIC/TID and are accurate to within  $\pm 5$  ft, both horizontally and vertically. Measurements were derived from [redacted]

\*Height calculated by CIA/IAD project analyst.

FIGURE 6. LAYOUT OF KHARKOV AIRFRAME PLANT NO 135.

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REFERENCES



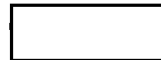
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MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet 0234-12A, 1st ed, Nov 59, scale 1:200,000 (SECRET)

DOCUMENT

1. CIA. PIR-30/64, *Kharkov Airframe Plant No 135, Kharkov, USSR*, Oct 64 (TOP SECRET)



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REQUIREMENT

CIA. C-RR6-83,650

PROJECT

31260/66 (partial answer)

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